

Amendments to the Specification

Please amend the Title as follows:

~~HINGED~~ HINGELESS ROTOR PROVIDED WITH PLATE-SHAPED ROTOR HEAD
ELEMENT AND A ROTORCRAFT PROVIDED WITH SAID ROTOR

Please add the following new heading before paragraph [0002]:

BACKGROUND

Please amend paragraph [0002] with the following amended paragraph:

[0002] ~~The~~ An object of the present invention is based on the objective or rather the technical
~~problem of creating to provide~~ a hingeless rotor that exhibits high strength, low weight, a small
flapping hinge distance and ~~/or, in at least one embodiment,~~ a high degree of swing-stiffness.
~~Moreover,~~ An alternate or additional object of the present invention is to provide a rotary-wing
aircraft having such a rotor is also to be provided.

Please add the following new heading before paragraph [0003]:

SUMMARY OF THE INVENTION

Please delete paragraph [0003]

Please amend paragraph [0004] with the following amended paragraph:

[0004] ~~This~~ The present invention provides a hingeless rotor ~~comprises~~ that includes a rotor
mast, a torque-transmission element arranged rotationally fixed with respect to the rotor mast and
at least one plate-shaped rotor head element through which the axis of rotation of the rotor passes
and which has two different groups of arms, the first group of which has bending-flexible rotor
blade-connection arms that dissipate centrifugal forces and to each of which a rotor blade can be
connected, and the second group of which has bending-flexible rotor mast-connection arms that
are free of centrifugal force and to which the plate-shaped rotor head element is connected via
the torque-transmission element arranged rotationally fixed with respect to the rotor mast.

Please replace paragraph [0010] with the following amended paragraph:

[0010] Other preferred and advantageous embodiment features of the rotor according to the invention are the subject matter of the ~~subordinate Claims 2 to 12~~ claims.

Please replace paragraph [0011] with the following amended paragraph:

[0011] ~~The objective upon which the invention is based is achieved in a~~ A second embodiment of the invention includes ~~by means of~~ a rotary-wing aircraft ~~according to the invention,~~ especially ~~by a~~ helicopter, particularly a tilt rotor helicopter, ~~exhibiting the features of Claim 13.~~ Essentially the same advantages explained above in conjunction with the rotor according to the invention ~~can also~~ may be achieved by means of the rotary-wing aircraft according to the invention.

Please add the following new heading before paragraph [0012]:

BRIEF DESCRIPTION OF THE DRAWING

Please add the following new heading before paragraph [0014]:

DETAILED DESCRIPTION

Please delete the entire list of characters, including the heading on page 9.

On page 10, please amend the heading as follows:

~~Patent Claims~~ WHAT IS CLAIMED IS: